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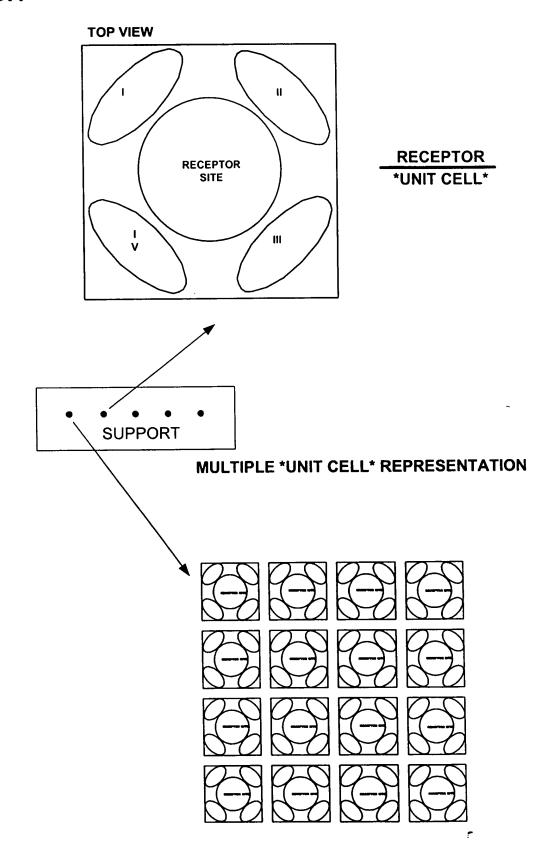
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FIG.1



2D TOP VIEW

III

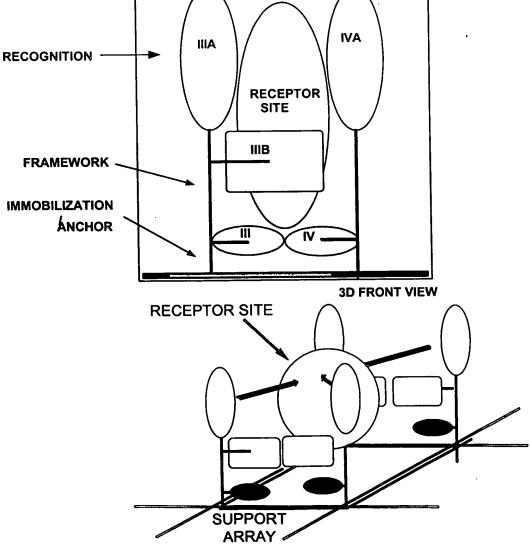
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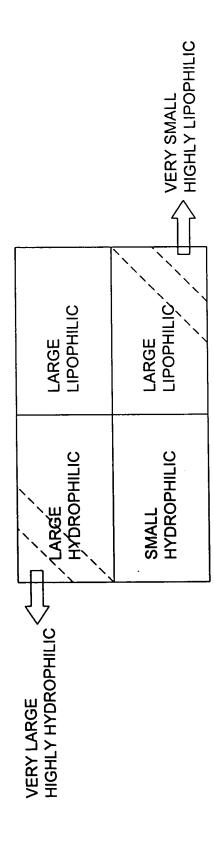
II

IV

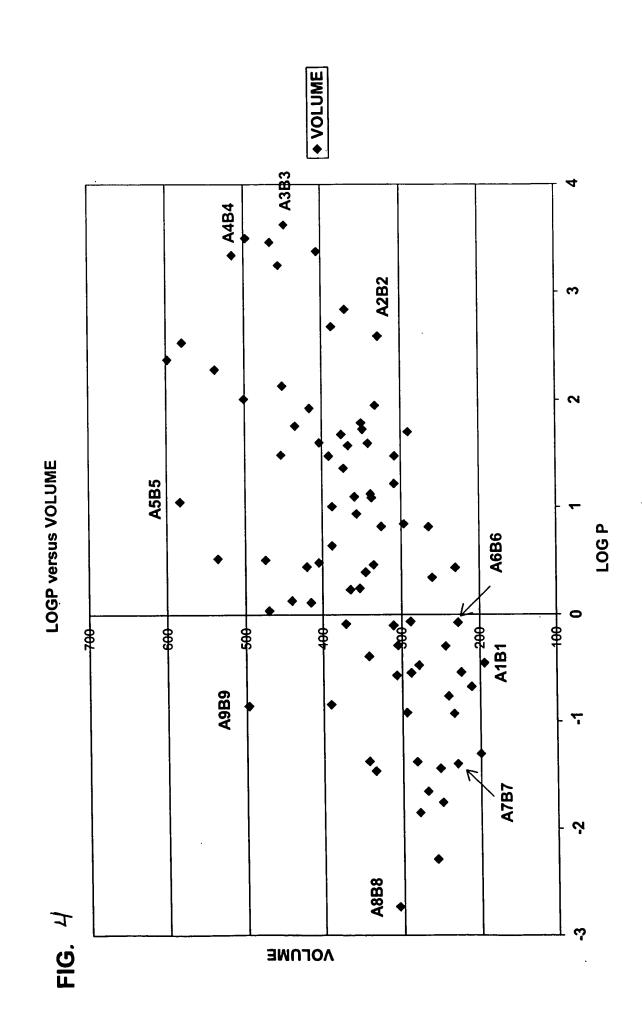
FIG.2

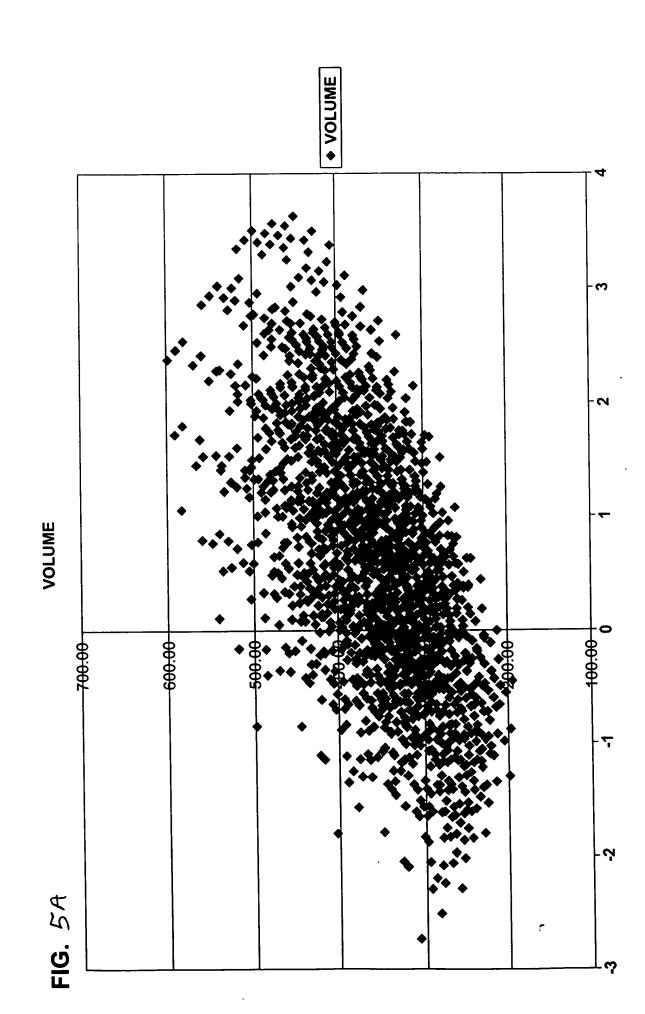


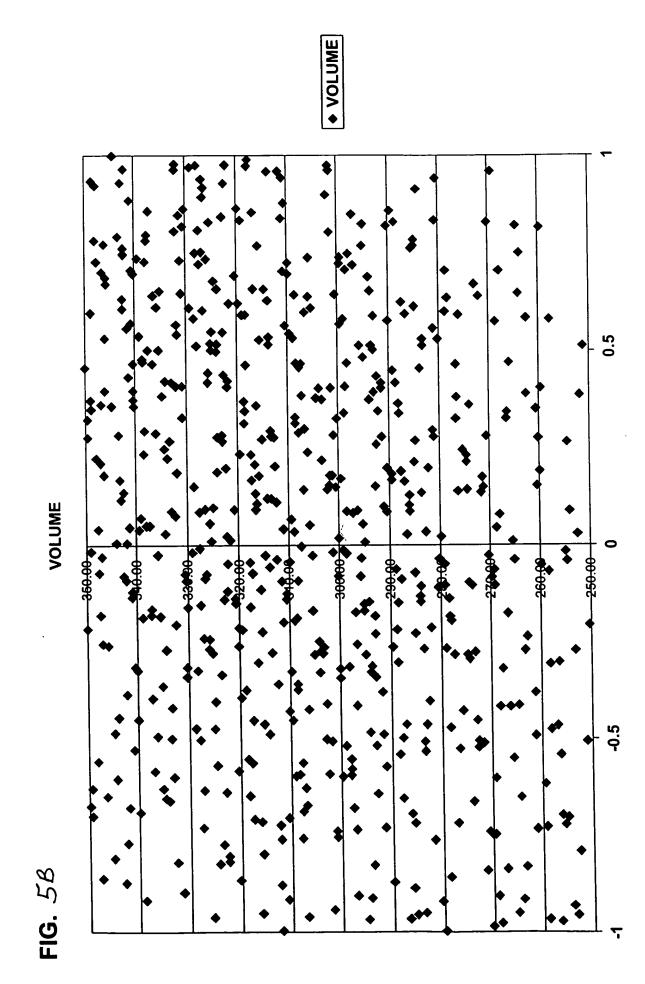




BINDING SPACE







<u>ച</u>

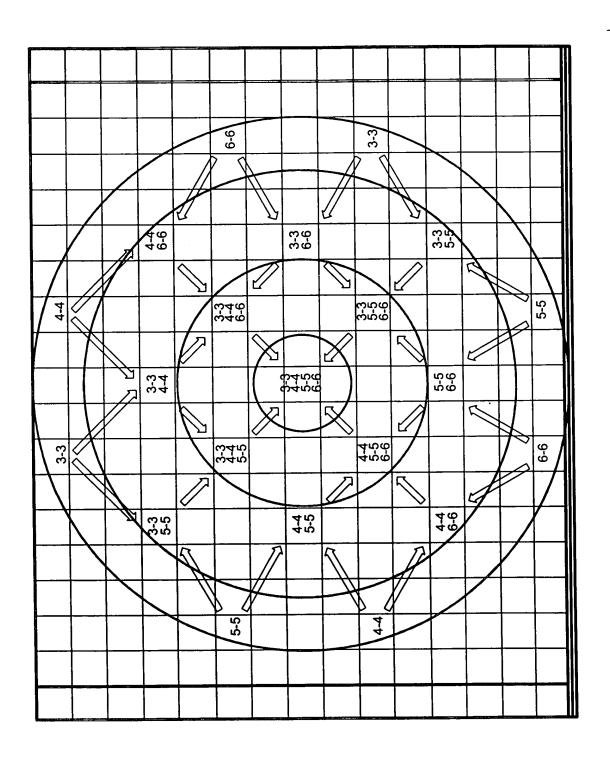


FIG. 7A

FIG. 7B

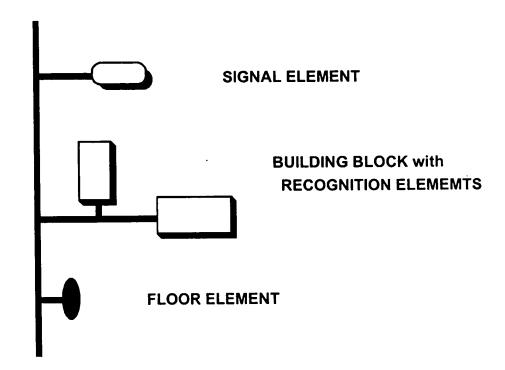


FIG. 8

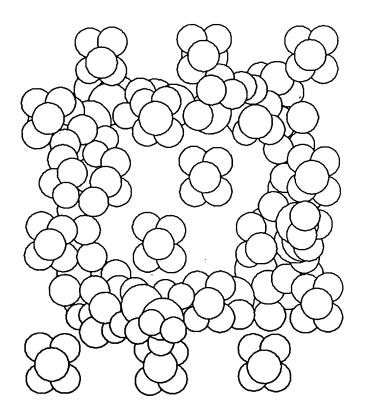


FIG. 9

?

FIG. 10

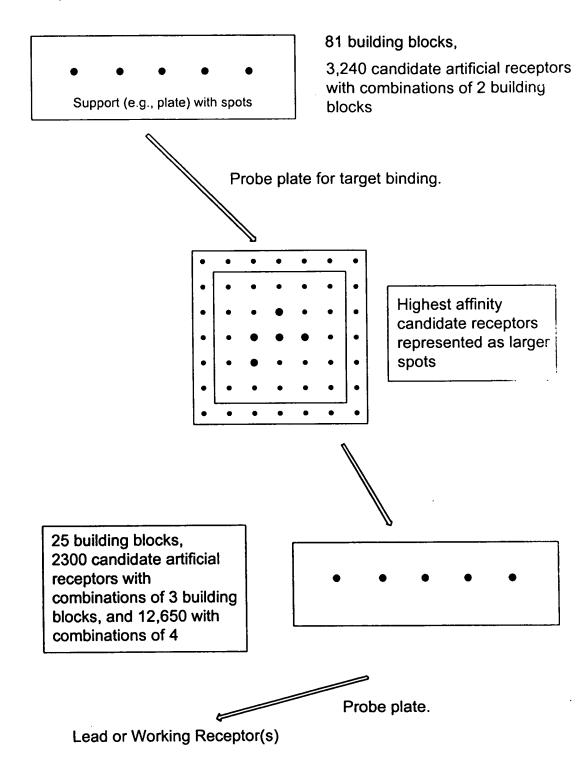


FIG. 11

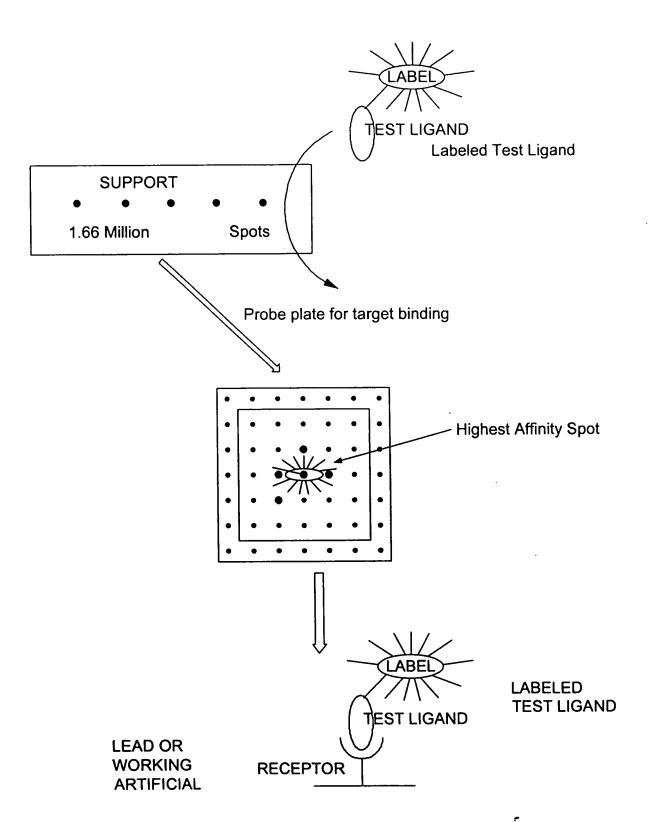
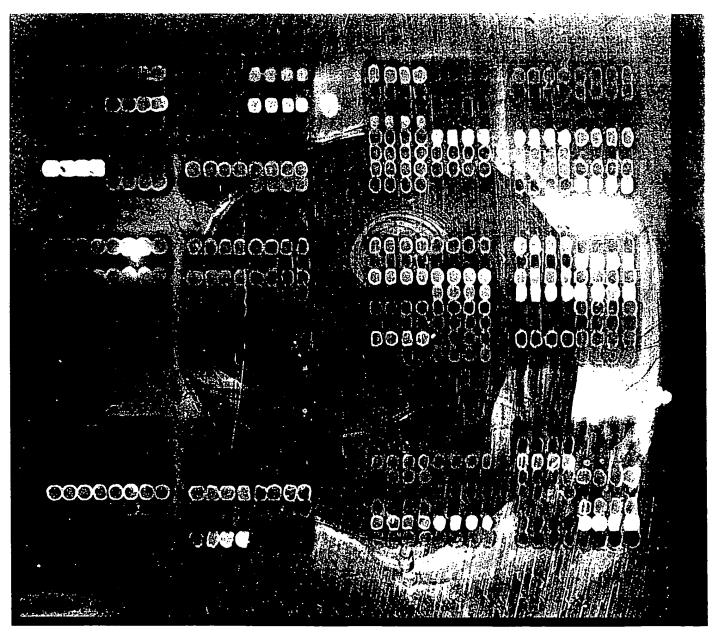
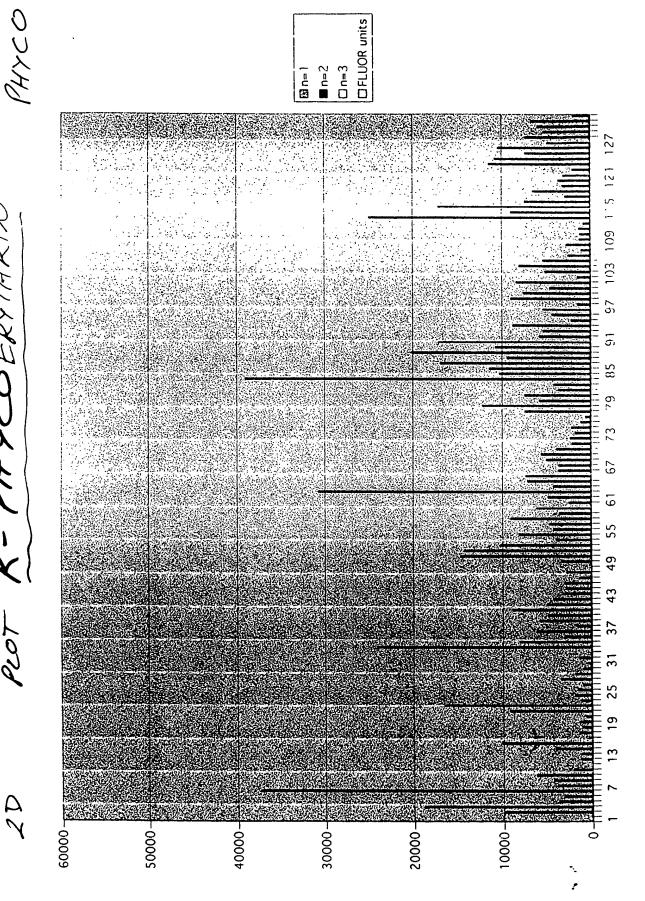


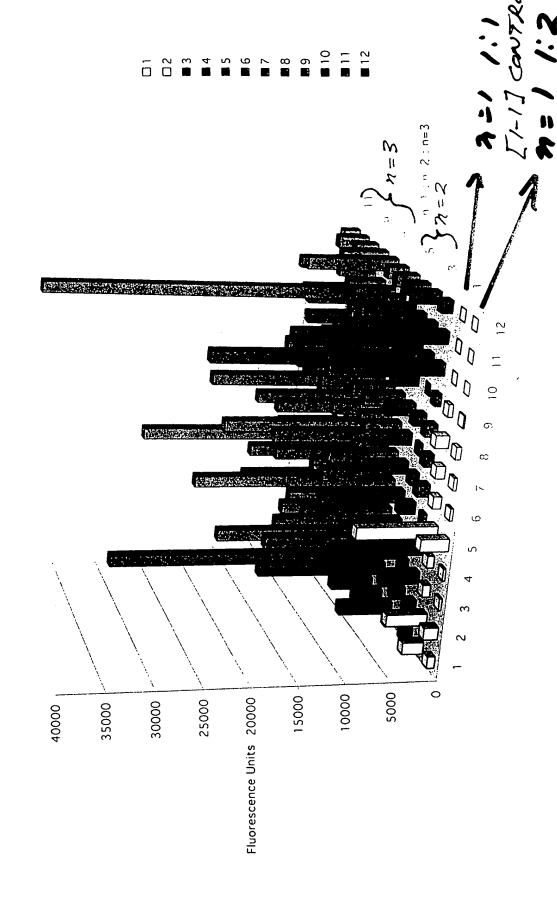
FIGURE 12 A GRAY SCALE IMAGE OF A 2 ug/ml r-PHYCOERYTHRIN CARA MICROARRAY.



PLOT R- PHYCOERYTHRIN Fig. 13,



R-PHYCOERY THER N9 : PHYCO : n=1, n=2, n=3FIGURE IN



OUGE BUMIN OVAL1 FIGURE 15

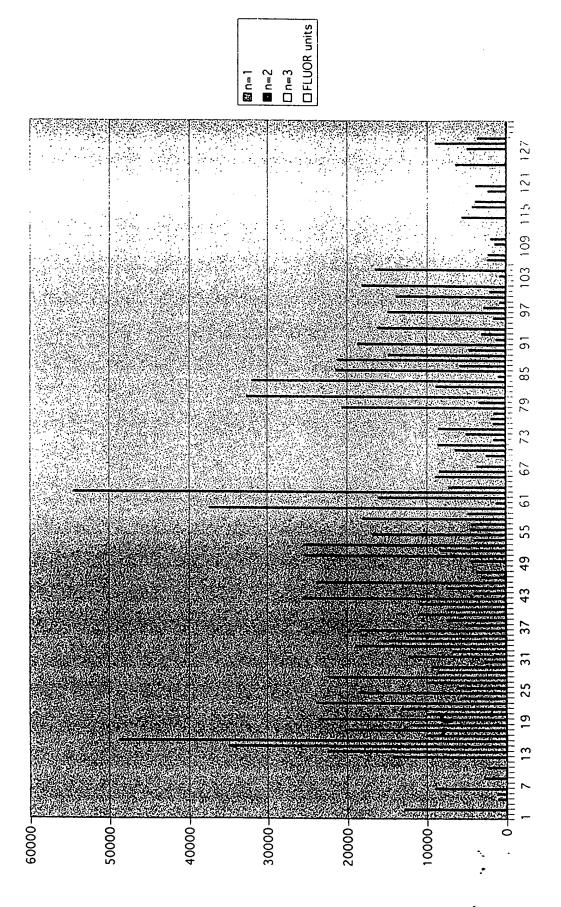
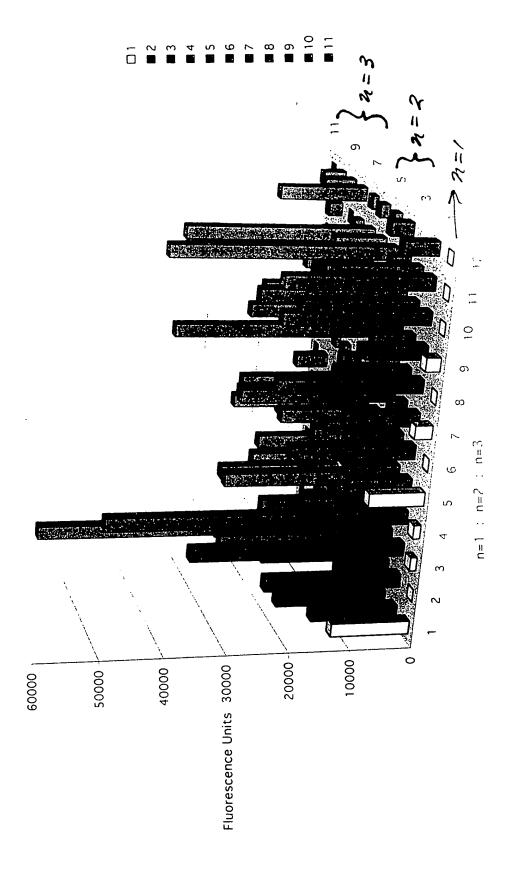


FIGURE 16 3D Re

orge Banie

N=9 n=1, n=2, n=3 COMBINATIONS OVAL1



RHO2 - 850A **DFLUOR units** ■ n=2 □ n=3 BOUNE SERWIN ABUNN PHOL - 354 103 109 175 121 127 67 6. 85 29 61 55 49 37 FIGURE 17 60000一四 40000 50000- 30000 20000

F16 URE 18

859

) ROT N=9 n=1, n=2, n=3 COMBINATIONS RHO1-BSA/SA

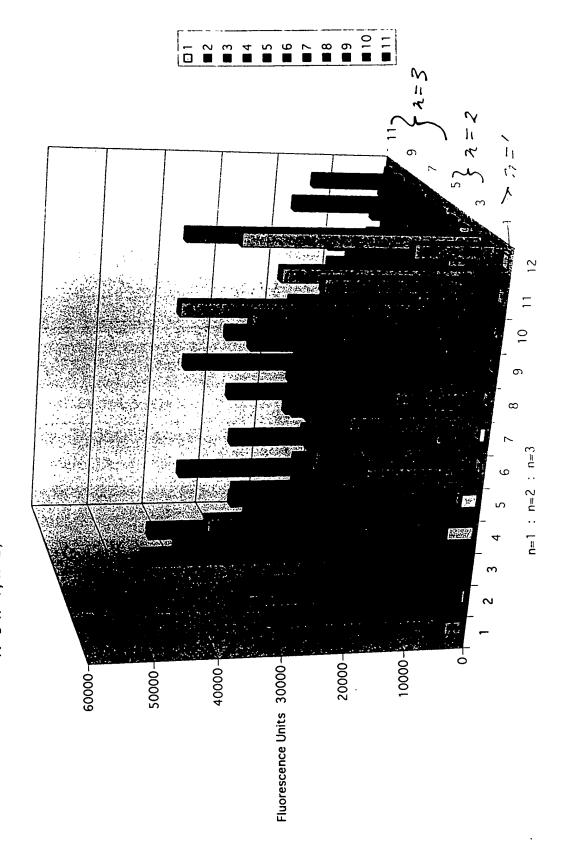


FIGURE 19.
20 CARON PLOT HRP-NE "1.0 x"

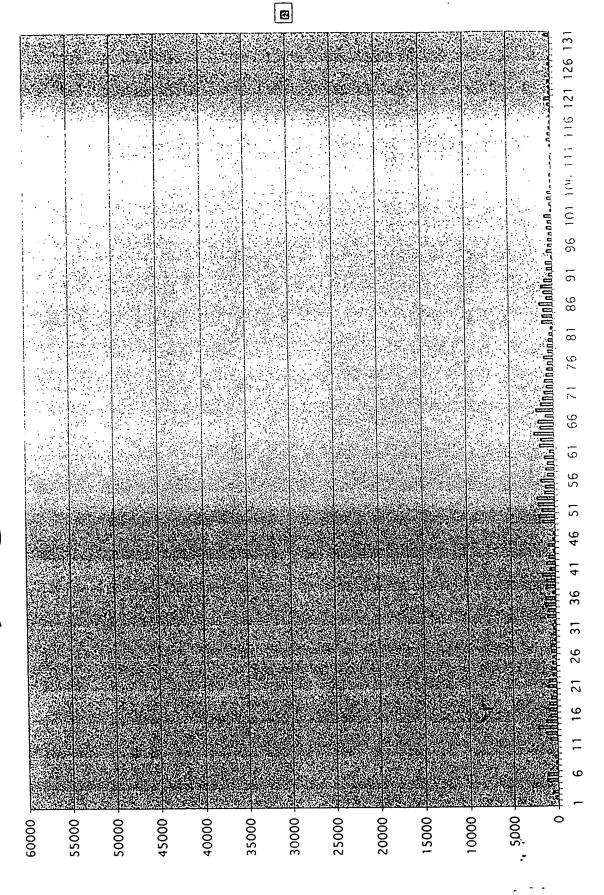
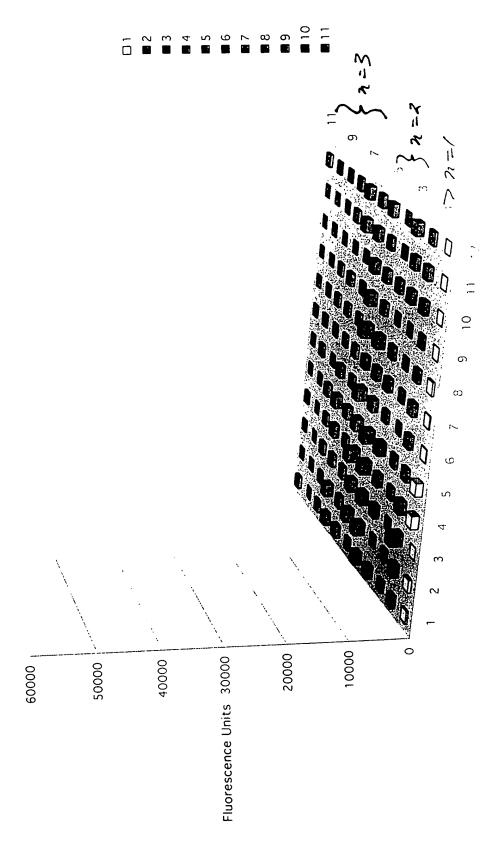


FIGURE 20 3D PROT

HRP-NH-Ac

N=9 n=1, n=2, n=3 COMBINATIONS HRP-NH-Ac





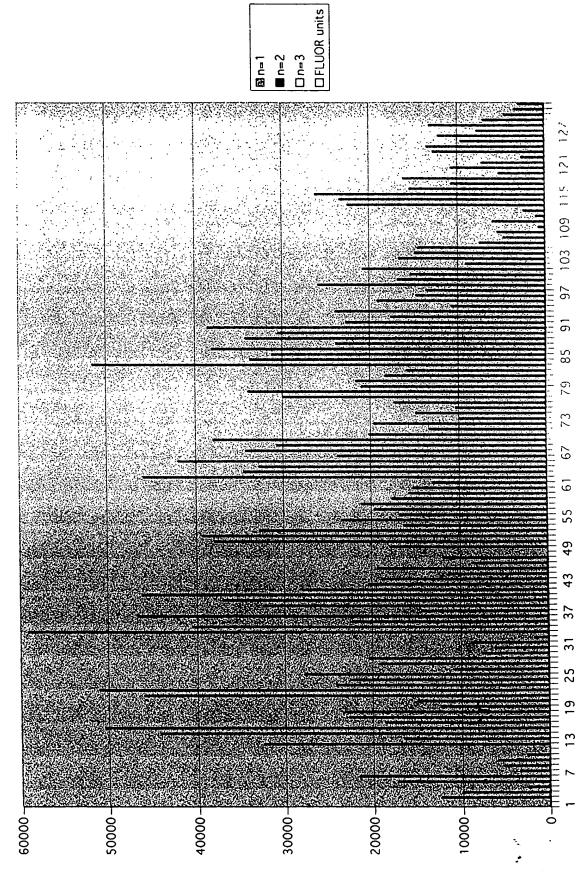


FIGURE DA

HRP-TCDD

N=9 n=1, n=2, n=3 COMBINATIONS HRP-PCDD

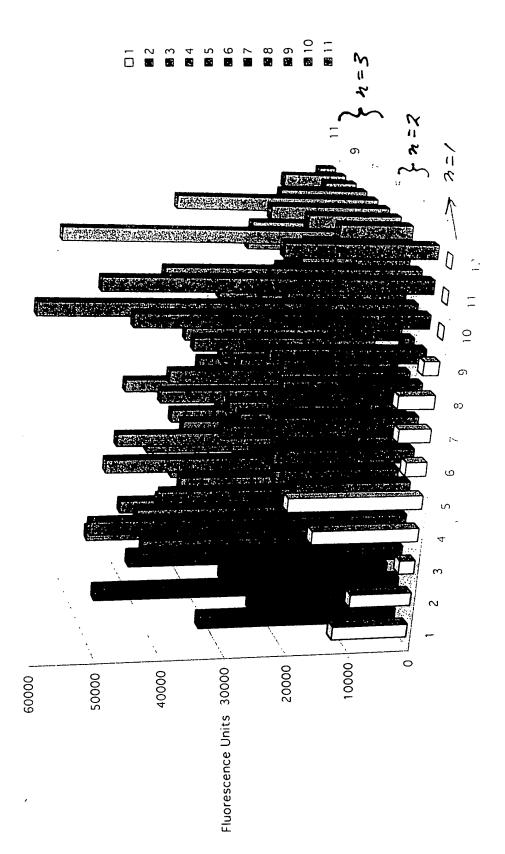


FIGURE 3. BLOCK 8 DATA PLOT.

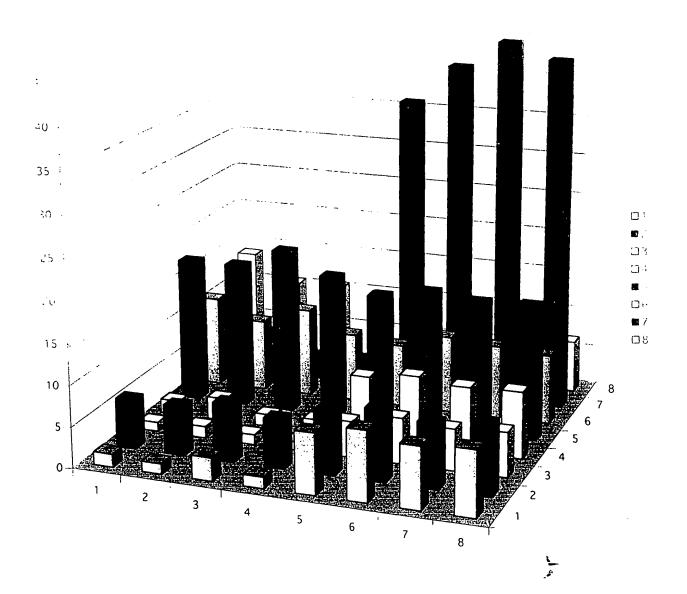
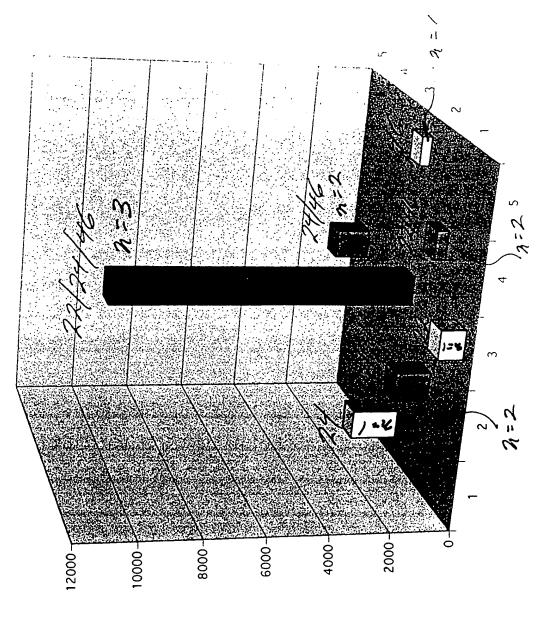


FIGURE 24. R- MYCO DATE.

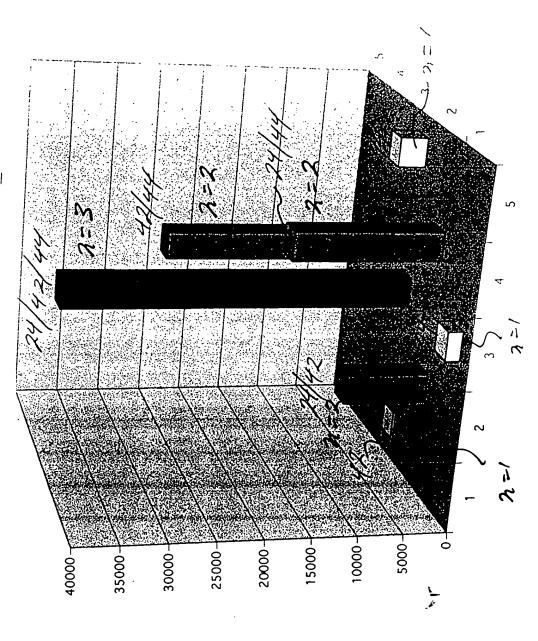
COMPARISON OF n=1, n=2, n=3



"22" REFERS TO [2-2] . R. NOXE:

FIGURE 25. R-PHYCO DOTO 3

COMPARISON OF n=1, n=2, n=:3



NONE: "24" REFERS TO [2-4], DE.

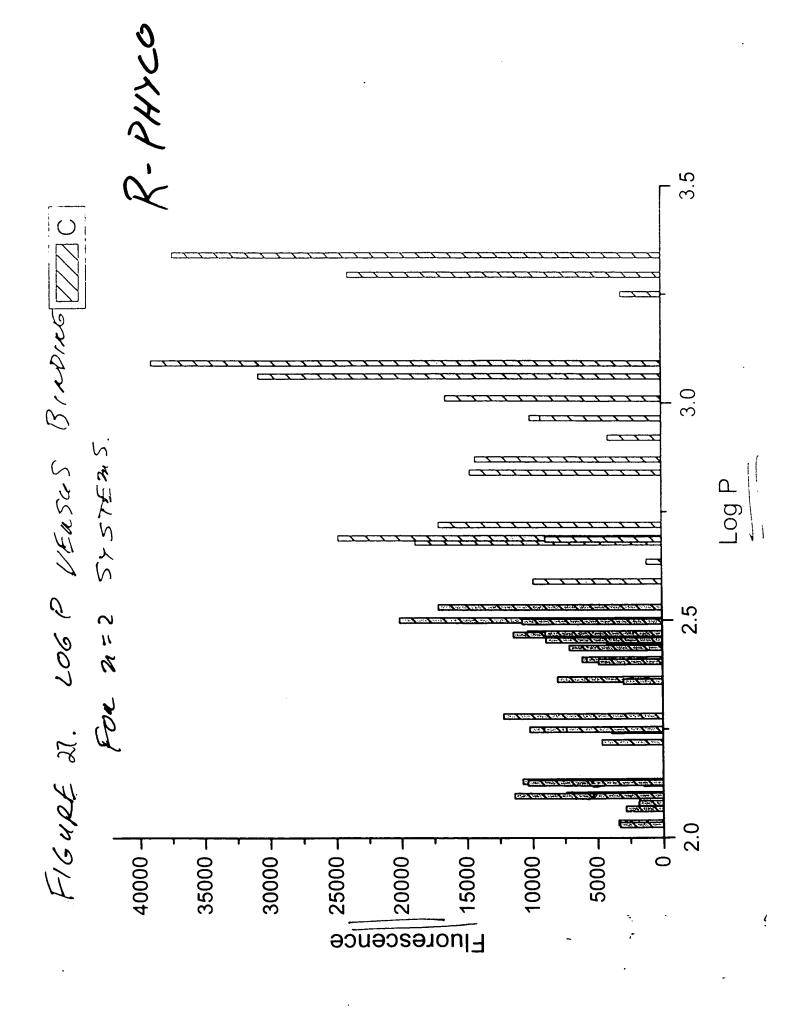
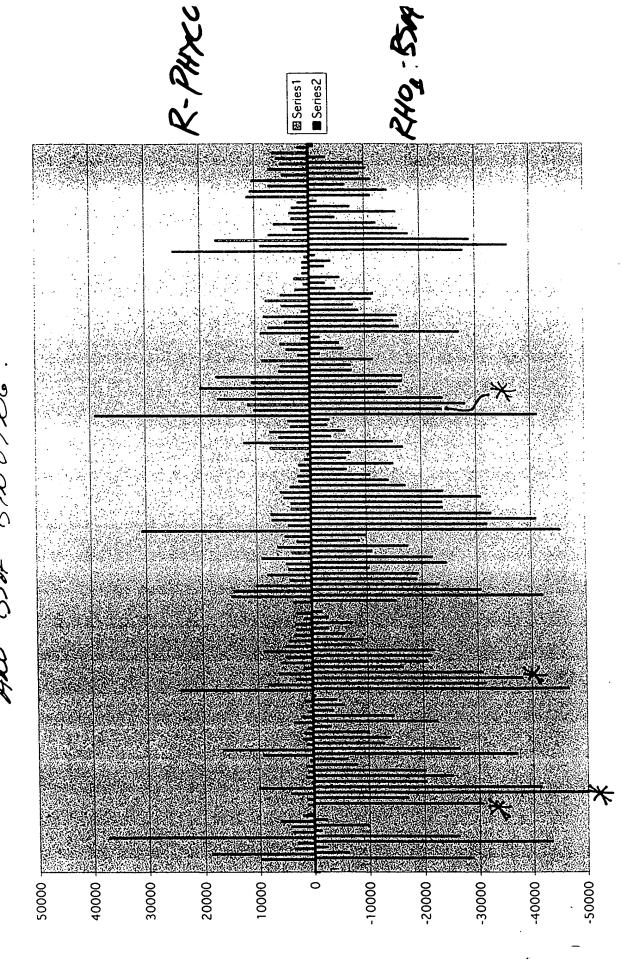
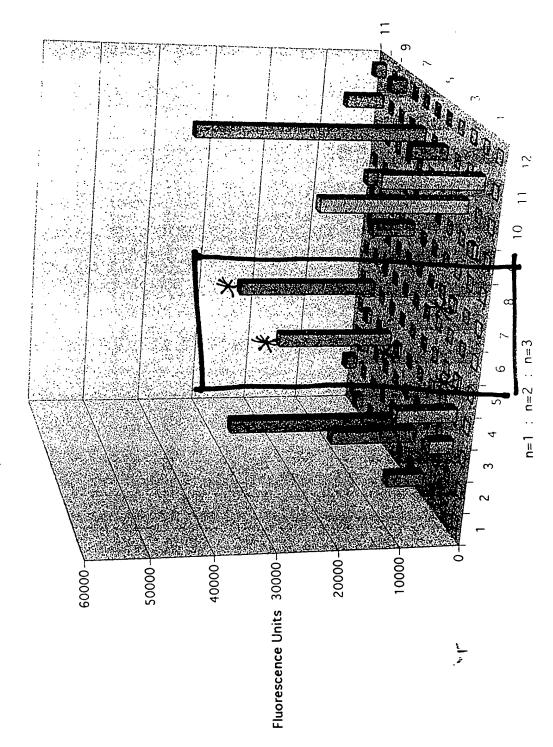


FIGURE 28, COMPARISON OF R. PHYCOERYTHUNG.



N=9 n=1, n=2, n=3 COMBINATIONS r-PHYCO



BSA

N=9 n=1, n=2, n=3 COMBINATIONS BSA/bioterrorism

FIGURE 30. SELECTED BROIRE

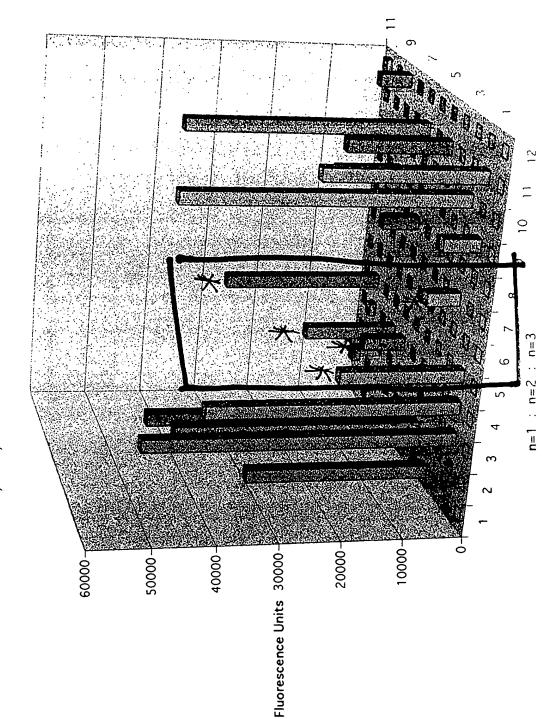
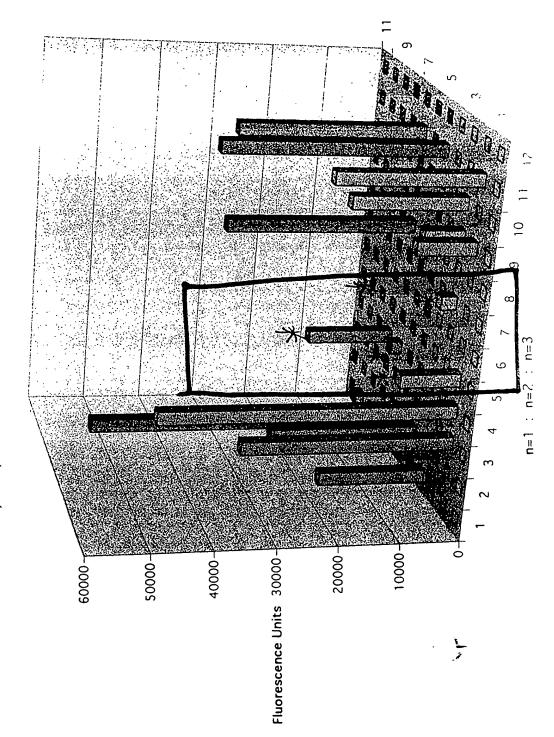


FIGURE 31. SELECTED BUDILG: OUR BURNE

N=9 n=1, n=2, n=3 COMBINATIONS OVAL1/bioterrorism



HIGURE 52.

GenePix Image - Wavelength 635

JIMIMA

File name = 2004-03-29 0860.tif Date = 2004/03/29 14:30:04

Origin = 4, 0 pixels(0.04, 0 mm)

Size $= 2180 \times 1368 \text{ pixels}$ $(21.8 \times 13.68 \text{ mm})$

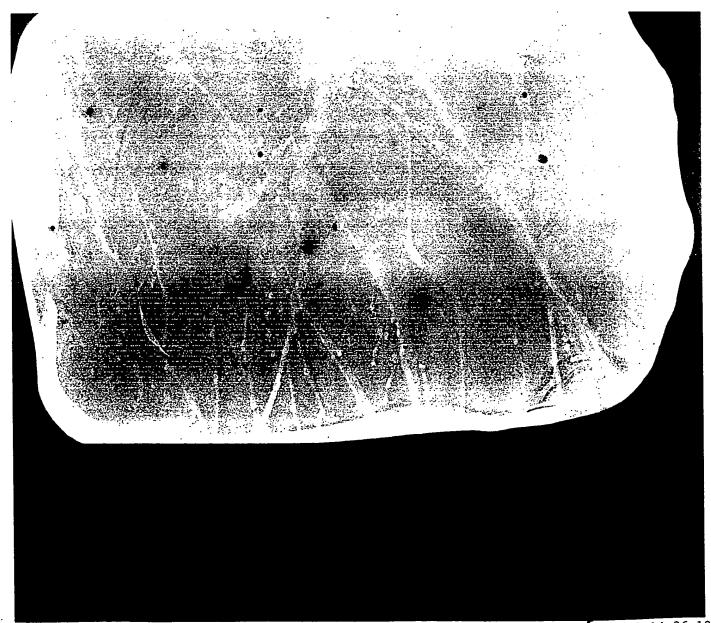
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GenePix Image - Wavelength 635

File name = 2004-03-29 0854.tif = 2004/03/29 12:31:45

= 4, 0 pixelsOrigin (0.04, 0 mm)

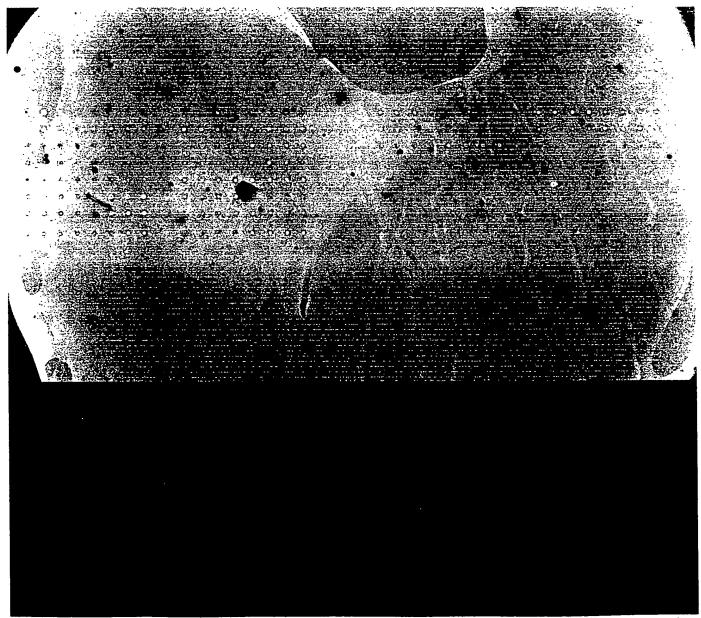
= 2180 x 1068 pixels Size (21.8 × 10.68 mm)

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GenePix Image - Wavelength 635

FIGURE 34

File name = 2004-03-29 0861.tif Date = $2004/03/29^{-1}5:40:20$

= 4, 0 pixels (0.04, 0 mm) Origin

= 2180 x 1368 pixels Size /21.8 x 13.68 mm

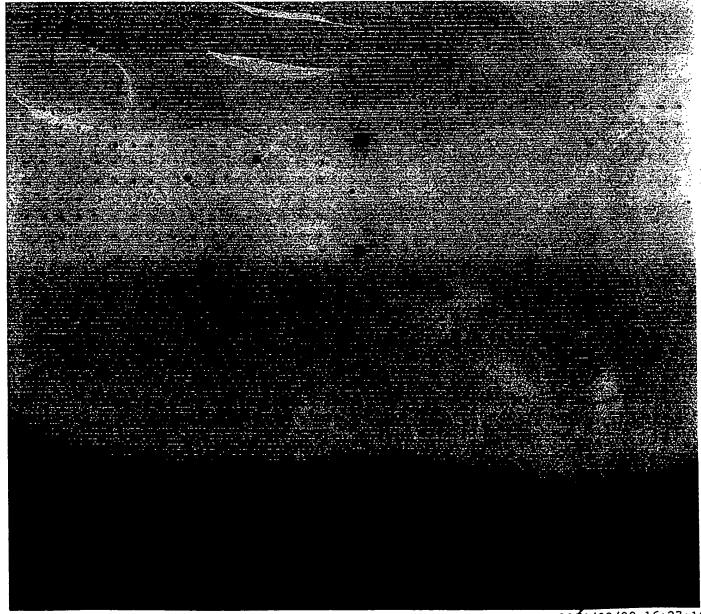
... x .. 3 13.11.1

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Normalization Februaria

Filter=(TOFF4) Focus Position=0



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GenePix Image - Wavelength 635

File name = $2004-03-29_0863.tif$ Date = $2004/03/29_15:48:56$

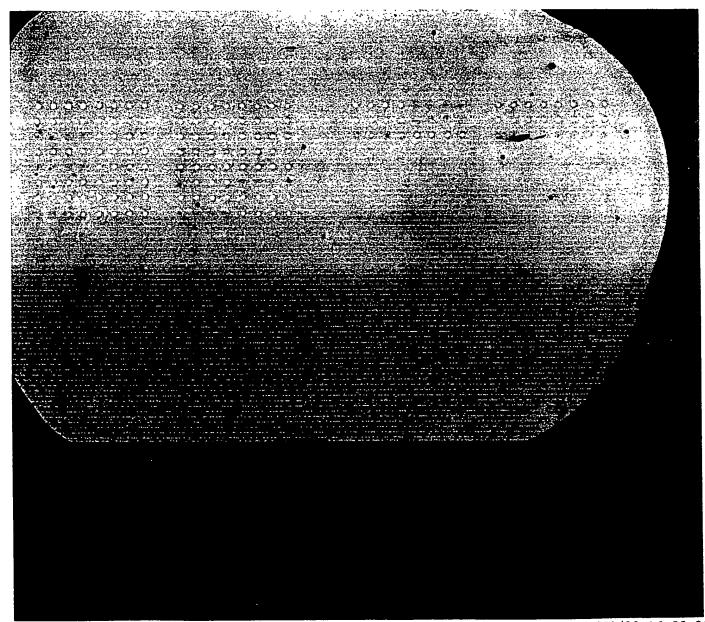
= 4, 0 pixelsOrigin (0.04, 0 mm)

= 2180 x 1368 pixels Size 121.8 x 13.65 mm'

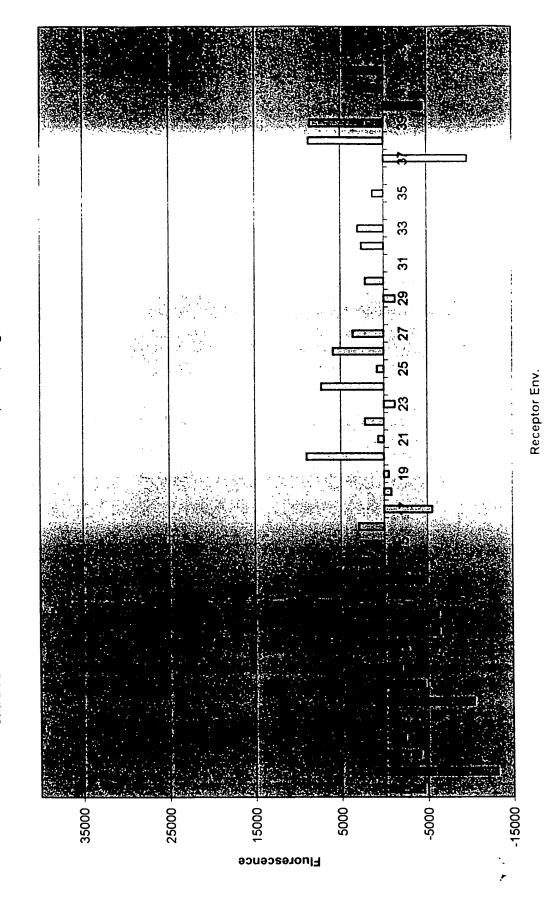
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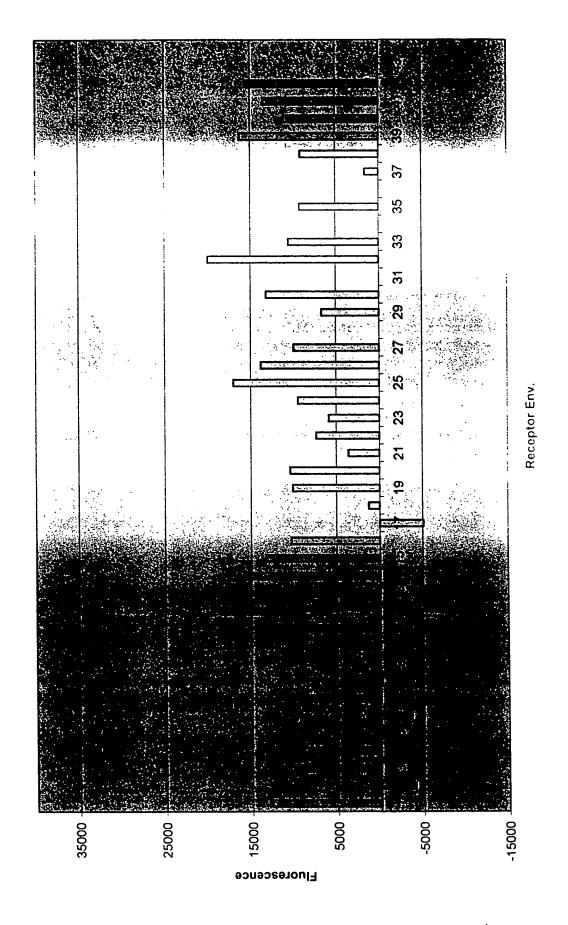


CARA DYNAMIC C18 / B.C. 1.0 CHO3 3C (N9n2, img 03-29-0861, PMT 600)



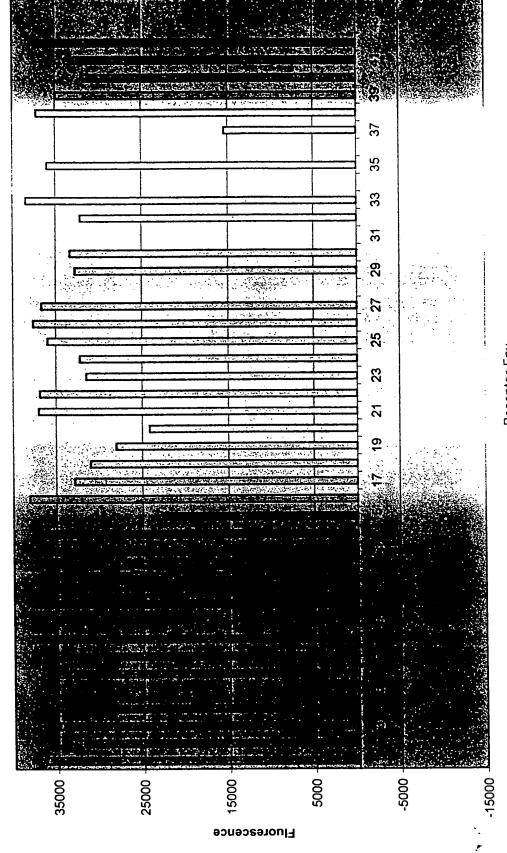
GURE 37

CARA DYNAMIC C18 / B.C. 1.0 CHO3 23C (N9n2, img 03-29-0854, PMT 600)



1 F16 UNE 38

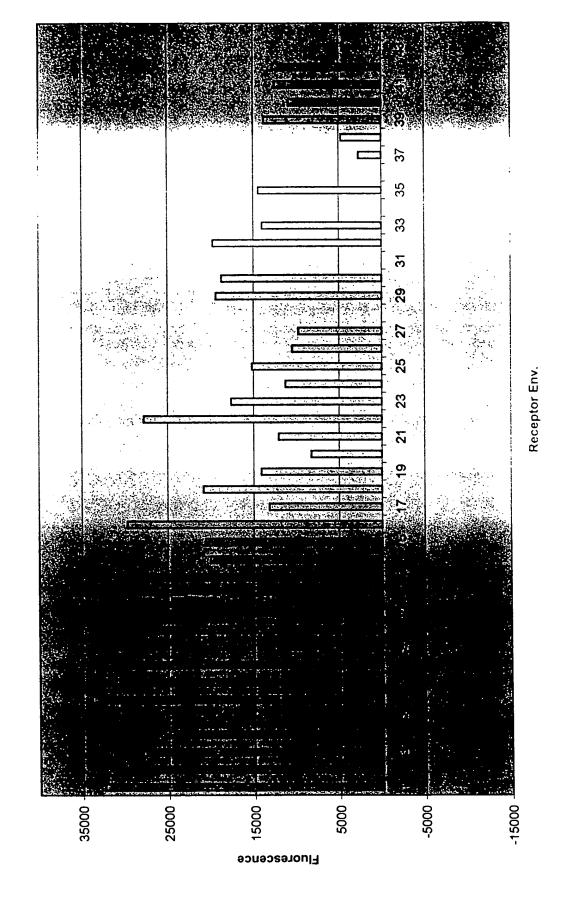
CARA DYNAMIC C18 / B.C. 1.0 CHO3 43C (N9n2, img 03-29-0863, PMT 560)



Receptor Env.

F1611,26 39 57877C

CARA STATIC 1.0 CHO2 23C (N9n2, img 10-09-0048, PMT 590)



CARA DYNAMIC Incubation Temperature with 1.0 CHO3

